



TITLE V OPERATING PERMIT

Issued pursuant to Title 22a of the Connecticut General Statutes (CGS) and §22a-174-33 of the Regulations of Connecticut State Agencies (RCSA) and pursuant to the Code of Federal Regulations (CFR), Title 40, Part 70.

Title V Permit Number	213-0069-TV
Client/Sequence/Town/Premises Numbers	8095/01/213/1
Date Issued	July 30, 2004
Expiration Date	July 30, 2009

Corporation:

Algonquin Windsor Locks LLC

Premises location:

26 Canal Bank Road, Windsor Locks, CT 06096

Name of Responsible Official and Title:

James White, Plant Manager

All the following attached pages, 2 through 34, are hereby incorporated by reference into this Title V Operating Permit.

JANE K. STAHL
Arthur J. Rocque, Jr.
Commissioner

July 30, 2004
Date

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LIST OF ACRONYMS

<i>Acronym</i>	<i>Description</i>
acfm	Actual cubic feet per minute
ASC	Actual Stack Concentration
BACT	Best Available Control Technology
BAM	Bureau of Air Management
CEM	Continuous Emission Monitor
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CP/OP	Construction Permit/Operating Permit
CTG	Control Technology Guideline
DEP	Department of Environmental Protection
dscf	Dry standard cubic feet
dscm	Dry standard cubic meters
EU	Emission Unit
ERC	Emission Reduction Credit
EPA	Environmental Protection Agency
FLER	Full load emission rate
GEU	Grouped Emission Unit
gph	Gallons per hour
gpm	Gallons per minute
HAP	Hazardous Air Pollutant
HLV	Hazard Limiting Value
LAER	Lowest Achievable Emission Rate
MACT	Maximum Achievable Control Technology
MASC	Maximum Allowable Stack Concentration
MRC	Maximum Rated Capacity
MSDS	Material Safety Data Sheet
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO _x	Nitrogen Oxides
NSR	New Source Review
PM	Particulate Matter
ppmv	Parts per million, volumetric basis
PTE	Potential to Emit
RACT	Reasonably Available Control Technology
RCSA	Regulations of Connecticut State Agencies
RMP	Risk Management Plan
SIC	Source Identification Code
SIP	State Implementation Plan
TOC	Total Organic Carbon
tph	Tons per hour
tpy	Tons per year
TSP	Total Suspended Particulate
VOC	Volatile Organic Compound

Title V Operating Permit

All conditions in Sections III through VII of this permit are enforceable by both the Administrator and the commissioner unless otherwise specified. Applicable requirements and compliance demonstration are set forth in Section III of this permit. The Administrator or any citizen of the United States may bring an action to enforce all permit terms or conditions or requirements contained in Sections III through VII of this permit in accordance with the Clean Air Act (CAA), as amended.

Section I: Premises Information and Description

A. PREMISES INFORMATION

Nature of Business: Electricity/steam generation
Primary SIC: 4931

Facility Mailing Address: Algonquin Windsor Locks LLC
POB 289
26 Canal Bank Road
Windsor Locks, CT 06096

Telephone Number: (860) 654-8300

B. PREMISES DESCRIPTION

This permit covers the facility initially known as Dexter Cogeneration Facility, then Ahlstrom Windsor Locks Cogeneration LLC. The facility is now owned by Algonquin Windsor Locks LLC (AWL). The cogeneration facility supplies steam and electricity to an adjacent paper mill owned by Ahlstrom Dexter LLC (AD). Without this steam, the mill could not operate unless it brought in separate steam generating units. Initially, the cogeneration facility and the paper mill were to be permitted as one Title V source, due to common ownership (Ahlstrom Dexter LLC) and the fact that the cogeneration plant is a support facility. The two facilities are no longer under common ownership and therefore are to be permitted separately, with the cogeneration facility (AWL) receiving a Title V permit and the paper mill (AD) operating under a General Permit to Limit Potential to Emit.

AWL is a combined-cycle cogeneration plant producing electricity and steam through a simple topping cycle. The facility consists of a General Electric model MS 6001(B) gas turbine generator, a two pressure waste heat boiler, a condensing/extraction steam turbine generator and two (2) Nebraska Modified Type A package boilers. The facility produces and sells electricity to Northeast Utilities as well as electricity and steam for the adjacent AD operations. Other sources include two (2) fuel oil storage tanks and a parts washer.

The facility is a Title V source as emissions are greater than the major source threshold levels.

Section II: Emission Unit Description

A. EMISSIONS UNITS IDENTIFICATION: STANDARD OPERATING SCENARIO (SOS) AND ALTERNATIVE OPERATING SCENARIOS (AOS)

Emission units are set forth in Table II.A.1.

TABLE II.A.1: EMISSION UNIT DESCRIPTION			
Emission Units	Emission Unit Description	Control Unit Description	(P)ermit, (O)rder, or (R)egistration Number*
Cogeneration Facility			
EU 1	General Electric Gas Turbine, Model MS6001(B), Equipment # G-101	Steam Injection , Ammonia Injection	P-213-0029
EU 2	Nebraska Modified Type A Boiler, Equipment # H-102A	Low NO _x burner	P-213-0031
EU 3	Nebraska Modified Type A Boiler, Equipment # H-102B	Low NO _x burner	P-213-0032
EU 4	180,000 Gallon Fuel Oil Storage Tank, Equipment # T-101A	None	None
EU 5	180,000 Gallon Fuel Oil Storage Tank, Equipment # T-101B	None	None
EU 6	Safety-Kleen Parts Washer, Model SK-34	None	None
Grouped Emission Units			
GEU 1	EU 2,3	As above	As above
GEU 2	EU 1,2,3	As above	As above
GEU 3	EU 4,5	As above	As above

* It is not intended to incorporate by reference these NSR Permits, Orders, or Registrations into this Title V permit.

The Permittee shall be allowed to operate under the following scenarios without notifying the commissioner, provided that such operations are explicitly provided for and described in the table below. The Permittee shall record contemporaneously with the operation of emission units, the operating scenario under which each emissions unit is operating in a log to be kept at the subject premises.

TABLE II.A.2: EMISSIONS UNIT IDENTIFICATION, SOS, AND AOS		
Identification of Operating Scenarios	Emissions Unit(s) Associated with the Scenarios	Description of Scenarios
SOS-1	EU 1, 2 or 3	Firing natural gas
	EU 4, 5	Storing #2 fuel oil with $\leq 0.28\%$ sulfur by weight
	EU 6	Non-halogenated organic solvent
AOS-1	EU 1, 2 or 3	Firing #2 fuel oil, $\leq 0.28\%$ sulfur by weight
AOS-2	EU 1	Firing combination of #2 fuel oil, $\leq 0.28\%$ sulfur by weight and natural gas
AOS-3	EU 1, 2, 3	Turbine and the equivalent of one boiler operating simultaneously, firing natural gas or #2 fuel oil, $\leq 0.28\%$ sulfur by weight

Section III: Applicable Requirements and Compliance Demonstration

The following tables contain terms and conditions for the operation of each identified Emission Unit, and Operating Scenario regulated by this permit.

A. EU 1, Gas Turbine

Table III.A.: EU 1				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	TSP	$\leq 0.014 \text{ \#/MMBtu}$, $\leq 7.73 \text{ \#/h}$ $\leq 29.11 \text{ TPY}$	P-213-0029	A.1.
SOS-1	PM-10	$\leq 4.26\text{e-}3 \text{ \#/MMBtu}$, $\leq 2.37 \text{ \#/h}$ $\leq 8.87 \text{ TPY}$	P-213-0029	A.1.
SOS-1	SOx	$\leq 0.00058 \text{ \#/MMBtu}$, $\leq 0.32 \text{ \#/h}$ $\leq 0.12 \text{ ppmvd @ 15\% O}_2$ $\leq 1.21 \text{ TPY}$	P-213-0029	A.2.
SOS-1	NOx	$\leq 0.14 \text{ \#/MMBtu}$, $\leq 82.28 \text{ \#/h}$ $\leq 42 \text{ ppmvd @ 15\% O}_2$ $\leq 309.80 \text{ TPY}$	P-213-0029	A.3.
SOS-1	VOC	$\leq 0.026 \text{ \#/MMBtu}$, $\leq 14.36 \text{ \#/h}$ $\leq 54.06 \text{ TPY}$	P-213-0029	A.4.
SOS-1	CO	$\leq 0.112 \text{ \#/MMBtu}$, $\leq 61.85 \text{ \#/h}$ $\leq 232.87 \text{ TPY}$	P-213-0029	A.5.
SOS-1	Opacity	$\leq 10\%$ 6-minute block $\leq 40\%$ instantaneous	P-213-0029	A.6.
SOS-1	Fuel firing rate	$\leq 539,029.1 \text{ cf/h}$	P-213-0029	A.7.
SOS-1	Max. rated capacity	$\leq 555.2 \text{ MMBtu/h}$	P-213-0029	A.7.
SOS-1	Exhaust flow	$\geq 430,965 \text{ acfm @ MRC}$	P-213-0029	A.7.
SOS-1	O ₂ Sensor	No limit	P-213-0029	A.7.
SOS-1	Shutdown limits	Unit shall be shutdown when 24 consecutive 1-hr block averages > permit limit for NO _x or SO _x or when 5 consecutive 6-minute block averages > 40% opacity.	P-213-0029	A.2., A.4., A.6.
SOS-1, AOS-1, AOS-2	NO _x Trading Order requirements	See below	S.O. 8250	A.10.
AOS-1	TSP	$\leq 0.035 \text{ \#/MMBtu}$, $\leq 18.53 \text{ \#/h}$ $\leq 69.23 \text{ TPY}$	P-213-0029	A.1.
AOS-1	PM-10	$\leq 3.06\text{e-}2 \text{ \#/MMBtu}$, $\leq 16.23 \text{ \#/h}$ $\leq 60.63 \text{ TPY}$	P-213-0029	A.1.
AOS-1	SOx	$\leq 0.28 \text{ \#/MMBtu}$, $\leq 148.26 \text{ \#/h}$ $\leq 0.28\%$ Sulfur by weight (dry basis) #2 fuel oil, $\leq 52 \text{ ppmvd @ 15\% O}_2$ $\leq 553.841 \text{ TPY}$	P-213-0029	A.2.
AOS-1	VOC	$\leq 0.026 \text{ \#/MMBtu}$, $\leq 13.77 \text{ \#/h}$ $\leq 51.43 \text{ TPY}$	P-213-0029	A.4.
AOS-1	CO	$\leq 0.109 \text{ \#/MMBtu}$, $\leq 57.71 \text{ \#/h}$ $\leq 215.60 \text{ TPY}$	P-213-0029	A.5.
AOS-1	Opacity	$\leq 10\%$ 6-minute block $\leq 40\%$ instantaneous	P-213-0029	A.6.
AOS-1	Fuel firing rate	$\leq 3755.3 \text{ gal/h}$	P-213-0029	A.7.

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Table III.A.: EU 1 (cont'd)				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
AOS-1	Max. rated capacity	≤ 529.5 MMBtu/h	P-213-0029	A.7.
AOS-1	Exhaust flow	$\geq 430,965$ acfm @ MRC	P-213-0029	A.7.
AOS-1	O ₂ Sensor	No limit	P-213-0029	A.7.
AOS-1	Ammonia injection	1.0 lb/h	P-213-0029	A.8.
AOS-1	Shutdown limits	Unit shall be shutdown when 24 consecutive 1-hr block averages > permit limit for NO _x or SO _x or when 5 consecutive 6-minute block averages > 40% opacity.	P-213-0029	A.2., A.4., A.6.
AOS-2	Firing #2 fuel oil and natural gas in combination	One hour per week for maintenance purposes.	P-213-0029	A.9.
AOS-1, AOS-2, AOS-3	Fuel sulfur content	≤ 0.28 wt%	P-213-0029	A.11.

Emissions

A.1. The Permittee shall ensure that the emissions of TSP and PM-10 do not exceed the limitations stated in Table III.A. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements:

A.1.a. *Monitoring and Testing Requirements*

- i. Verify emissions using initial performance test data and daily parametric monitoring and engineering calculations. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

A.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of TSP and PM-10 emissions shall be made daily. [RCSA §22a-174-33(o)(2)]

A.1.c. *Reporting Requirements*

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0029 and Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- iii. Provide the records specified in Section III.A.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

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- A.2. The Permittee shall ensure emissions of SO_x do not exceed the limitations stated in Table III.A. During periods of start-up, shut down or malfunction, the ppmvd limit may be exceeded. These periods are defined in NSR permit for EU 1 [P-213-0029]. Start-up shall be defined as that period of time from initiation of combustion turbine firing until the unit reaches steady-state operation. Shutdown shall be defined as the period of time from the initial lowering of turbine output to when the combustion process has stopped. Malfunction means any sudden and unavoidable failure of the air pollution control equipment or process equipment or of a process to operate in a normal manner. Failures that are caused entirely or in part by poor maintenance, careless operation or any other preventable condition or breakdown shall not be considered malfunctions. Start-up, shutdown or malfunction periods shall not exceed 180 minutes. Demonstration of compliance with the limitations in Table III.A shall be based on, but not limited to, the following requirements:

A.2.a. *Monitoring and Testing Requirements*

- i. While firing natural gas, verify emissions using initial performance test data and daily parametric monitoring and engineering calculations. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. While firing #2 fuel oil, verify emissions using CEM data based on a 1-hour block average and parametric monitoring. The data shall be reviewed daily to determine compliance with the permitted limit. [P-213-0029]
- iii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]
- iv. The CEM equipment shall be installed, calibrated, operated and tested in accordance with P-213-0029.
- v. The unit shall be shut down when 24 consecutive 1-hour block averages exceed the permit limit. [P-213-0029]

A.2.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of SO_x emissions shall be made daily. [P-213-0029]

A.2.c. *Reporting Requirements*

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0029 and Section VII.I.]
- ii. Provide reports specified in the CT DEP CEM Guideline dated 8/19/96 on a quarterly basis. The report shall be submitted by the 30th day following the end of the calendar quarter. [P-213-0029]
- iii. Provide the records specified in Section III.A.2.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

- A.3. The Permittee shall ensure emissions of NO_x do not exceed the limitations stated in Table III.A. During periods of start-up, shut down or malfunction, the ppmvd limit may be exceeded. These periods are defined in A.2. EU 1 is a NO_x Budget Program source [RCSA §22a-174-22a]. Demonstration of compliance with the emission limitations in Table III.A. shall be based on, but not limited to, the following requirements.

A.3.a. *Monitoring and Testing Requirements*

- i. All NO_x emission rates shall be verified using CEM data based on a 1-hour block average and parametric monitoring. [P-213-0029 and RCSA §22a-174-22a(i)]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]
- iii. The CEM equipment shall be installed, calibrated, operated and tested in accordance with P-213-0029 and RCSA §22a-174-22a(i)

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- iv. The unit shall be shut down when 24 consecutive 1-hour block averages exceed the permit limit. [P-213-0029]

A.3.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of NO_x emissions shall be made daily. [P-213-0029]

A.3.c. *Reporting Requirements*

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0029 and Section VII.I.]
- ii. Provide reports specified in the CT DEP CEM Guideline dated 8/19/96 on a quarterly basis. The report shall be submitted by the 30th day following the end of the calendar quarter. [P-213-0029]
- iii. Provide reports to the Administrator specified in “Guidance for Implementation of Emission Monitoring Requirements for the NO_x Budget Program (Ozone Transport Commission, Washington, D.C., 1/28/97) on a quarterly basis. The report shall be submitted by the 30th day following the end of the calendar quarter. [RCSA §22a-174-22a(k)]
- iv. Submit a request to the Administrator between 11/1 and 12/31, inclusive, of each year, to deduct from its compliance account the number of allowances equal to the NO_x emissions in tons emitted by EU 1 during the most recent control period. [RCSA §22a-174-22a(l)]
- v. Submit an annual compliance certification to the Administrator in accordance with RCSA §22a-174-22a(m) no later than 12/31 of each calendar year.
- vi. Provide the records specified in Section III.A.3.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

- A.4. The Permittee shall ensure emissions of VOC do not exceed the limitations stated in Table III.A. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

A.4.a. *Monitoring and Testing Requirements*

- i. Verify emissions using initial performance test data and daily parametric monitoring and engineering calculations. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Annual emissions shall be verified by adding the current month’s emissions to the previous eleven months’ emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

A.4.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of VOC emissions shall be made daily. [P-213-0029]

A.4.c. *Reporting Requirements*

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0029 and Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.

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- iii. Provide the records specified in Section III.A.4.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

A.5. The Permittee shall ensure emissions of CO do not exceed the limitations stated in Table III.A. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

A.5.a. Monitoring and Testing Requirements

- i. Verify emissions using initial performance test data and daily parametric monitoring and engineering calculations. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

A.5.b. Record Keeping Requirements

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of CO emissions shall be made daily. [P-213-0029]

A.5.c. Reporting Requirements

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0029 and Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- iii. Provide the records specified in Section III.A.5.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

A.6. The Permittee shall ensure opacity readings do not exceed the limitations stated in Table III.A. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

A.6.a. Monitoring and Testing Requirements

- i. Opacity shall be verified using CEM data based on a 6-minute block average. [P-213-0029]
- ii. The CEM equipment shall be installed, calibrated, operated and tested in accordance with P-213-0029.
- iii. The unit shall be shut down when 5 consecutive 6-minute block averages exceed 40%. [P-213-0029]

A.6.b. Record Keeping Requirements

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of opacity readings shall be made daily. [P-213-0029]

A.6.c. Reporting Requirements

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0029 and Section VII.I.]
- ii. Provide reports specified in the CT DEP CEM Guideline dated 8/19/96 on a quarterly basis. The report shall be submitted by the 30th day following the end of the calendar quarter.
- ii. Provide the records specified in Section III.A.6.b. to the commissioner within thirty days of receipt

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of a written request from the commissioner or such sooner time as the commissioner may require.
[RCSA §22a-174-4(d)]

Parameters

A.7. The Permittee shall ensure parameters do not exceed the limitations stated in Table III.A. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

A.7.a. *Monitoring and Testing Requirements*

- i. Verify firing rate, maximum rated capacity and exhaust flow using parametric monitors daily. [RCSA §22a-174-33(j)(1)(K)(ii) and RCSA §22a-174-22a]
- ii. Oxygen content shall be recorded in 1-hour block averages. [P-213-0029]
- iii. The CEM equipment shall be installed, calibrated, operated and tested in accordance with P-213-0029.

A.7.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of fuel firing rate, maximum rated capacity, exhaust flow and oxygen content shall be made daily. [Permit # 213-0029]

A.7.c. *Reporting Requirements*

- i. Review recorded data daily and report to the commissioner within two (2) working days any exceedences of an allowable limit. [P-213-0029 and Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- iii. Provide the records specified in Section III.A.7.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

A.8. The Permittee shall ensure parameters do not exceed the limitations stated in Table III.A. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

A.8.a. *Monitoring and Testing Requirements*

- i. Verify ammonia injection rate using parametric monitors daily. [RCSA §22a-174-33(j)(1)(K)(ii)]

A.8.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of ammonia injection rate shall be made daily. [P-213-0029]

A.8.c. *Reporting Requirements*

- i. Review recorded data daily and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0029 and Section VII.I.]

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- ii. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- iii. Provide the records specified in Section III.A.8.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

A.9. When firing a combination of #2 fuel oil and natural gas with EU 1, the Permittee shall be subject to the emission limitations for #2 fuel oil. [AOS-1]

NO_x Trading Order 8250

A.10. The Permittee shall ensure compliance with NO_x Trading Order No. 8250.

A.10.a. The Permittee shall comply with RCSA §22a-174-22 through emission reduction trading. Until the Permittee achieves permanent compliance with the emission standard in RCSA §22a-174-22(e) or by May 1, 2005, whichever occurs earlier:

- i. The Permittee shall use approved DERCs as required under SO 8250; and
- ii. The Permittee shall have in possession sufficient approved DERCs to meet applicable NO_x emission limits as allowed under SO 8250.

A.10.b. *DERC use.* Starting on October 1, 2003 and until May 1, 2005, before the first day of each non-ozone season, the Permittee shall have in its possession sufficient approved DERCs for EU 1 based on the following:

- i. *During the non-ozone season:* the Permittee shall meet a non-ozone seasonal average emission limit of 0.15 #/MMBtu. Prior to October 1, 2003 and October 1, 2004, the Permittee shall estimate and acquire the amount of DERCs or allowances required for such non-ozone season needed to comply with RCSA §22a-174-22(e)(3) as follows:

Estimated DERCs (tons) = [estimated fuel use in MMBtu from October 1 through April 30 x (estimated seasonal average NO_x emission rate in #/MMBtu during October 1 through April 30 – (0.95 x 0.15 #/MMBtu))] / 2000 #/ton.

No later than May 31, 2004, and May 1, 2005, when the EU 1 has a non-ozone seasonal average NO_x emission rate exceeding 0.15 #/MMBtu, calculate and permanently retire the amount of DERCs used in the preceding non-ozone season as follows:

Actual DERCs (tons) = [Actual fuel use in MMBtu from October 1 through April 30 x (actual seasonal average NO_x emission rate in #/MMBtu during October 1 through April 30 – (0.95 x 0.15 #/MMBtu))] / 2000 #/ton.

- ii. When the non-ozone season CEM-recorded NO_x emission rate is used to calculate DERCs used by the turbine, the Permittee shall include missing data calculated in accordance with missing data substitution procedures under 40 CFR Part 75.
- iii. The Permittee shall not exceed any NO_x permit limitations for EU 1.

A.10.c. The Permittee shall make and keep records for EU 1 of: non-ozone season fuel use and type; non-ozone season NO_x emission rates; number of operating hours per non-ozone season; the number of invalid data hours of the total operating hours per non-ozone season; the number of DERCs in its possession, purchased and used (by serial number if assigned) each non-ozone season in accordance with the appropriate emission rates and limits in SO 8250. The Permittee shall maintain and submit such records in accordance with RCSA §22a-174-22.

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- A.10.d. *Record keeping.* The Permittee shall retain records and supporting documentation as described in SO 8250 for a minimum of five years, commencing on the date such records were created. The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner.
- A.10.e. *Reporting.* No later than July 30 of every year after issuance of SO 8250, the Permittee shall submit in writing to the commissioner the non-ozone season fuel consumption and amount of all DERCs used (including) serial numbers (if assigned) and approved DERCs purchased from other facilities), for EU 1 during the previous October through April time period. These reports shall be on a form prescribed by the commissioner.
- A.10.f. *Allowance Use.* Pursuant to RCSA §22a-174-22(d)(3), the Permittee may use NO_x allowances, pursuant to RCSA 22a-174-(j) to achieve all or a portion of the reductions required by RCSA §22a-174-22. Any allowance used for compliance with RCSA §22a-174(e) shall be subject to all restrictions and/or requirements applicable to DERCs contained in SO 8250. Each allowance used for compliance with RCSA §22a-174-22 shall be equivalent to one discrete emission reduction credit and shall be deducted from the Permittee's NO_x Budget Program compliance account upon such use. Allowances shall be considered used for compliance with RCSA §22a-174-22 when they are transferred from the facility's compliance account or overdraft account to a State of Connecticut NO_x allowance retirement account, account ID CT0000000300 in the NO_x Allowance Tracking System.
- A.10.g. *DERC Doubling.* At a minimum, DERCs required shall be adjusted upwards by 100% if DERCs are not in the Permittee's possession for use prior to the first day of each non-ozone season. However, based on the gravity of the non-compliance, the commissioner may require additional upward adjustment.
- A.10.h. *Vintage Restriction.* For the purposes of compliance with RCSA §22a-174-22, DERCs/allowances shall only remain valid for five (5) calendar years from the year of the generation/allocation of such DERCs/allowances. DERCs/allowances generated/allocated more than (5) calendar years ago are not valid for use for compliance with RCSA §22a-174-22. Notwithstanding the above, the DERCs/allowances generated/allocated prior to calendar year 2000 shall be valid for use until December 31, 2004.
- A.10.i. *Extension.* No later than May 1, 2005, with respect to EU 1, the Permittee shall comply with the requirements of RCSA §22a-174-22(d)(2). However, after full program review of SO 8250 and other Trading Agreements and Orders and if determined appropriate, the commissioner may grant a written extension of SO 8250.
- A.10.j. *Future Compliance Report.* On or before September 1, 2004, the Permittee shall submit a report indicating how the facility shall comply with RCSA §22a-174-22 with respect to EU 1 on and after May 1, 2005.
- A.10.k. *Full Compliance.* The Permittee shall not be considered in full compliance with SO 8250 until all actions required by SO 8250 have been completed and approved to the commissioner's satisfaction.
- A.10.l. *Approvals.* The Permittee shall use best efforts to submit to the commissioner all documents required by SO 8250 in a complete and approvable form. If the commissioner notifies the Permittee that any document or other action is deficient, and does not approve it with conditions or modifications, it is deemed disapproved, and the Permittee shall correct the deficiencies and resubmit it within the time specified by the commissioner or, if no time is specified by the commissioner, within 30 days of the commissioner's notice of deficiencies. In approving any document or other action under SO 8250, the commissioner may approve the document or other action as submitted or performed or with such conditions or modifications as the commissioner deems necessary to carry out the purposes of SO 8250. Nothing in this paragraph shall excuse non-compliance or delay.

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Fuel Sulfur Content

A.11. The Permittee shall demonstrate compliance with the fuel sulfur limitations in Table III.F. based on, but not limited to, the following requirements.

A.11.a. Monitoring and Testing Requirements

- i. Verify fuel sulfur content for each shipment. [RCSA §22a-174-19(a)(5)]
- ii. Fuel analysis for the sulfur content of liquid fuels shall be done according to the most current ASTM Methods D 129 or D 1552. [RCSA §22a-174-5(b)(1)]

A.11.b. Record Keeping Requirements

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Fuel merchant certification of the sulfur content for each fuel shipment. [RCSA §22a-174-19(a)(5)]

A.11.c. Reporting Requirements

- i. Provide the records specified in Section III.A.11.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

B. GEU 1 (EU 2 AND 3), Boilers

Table III.B: GEU 1				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions for Each Unit	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	TSP	$\leq 0.0049 \text{ \#/MMBtu}$, $\leq 0.86 \text{ \#/h}$ $\leq 3.77 \text{ TPY}$	P-213-0031 P-213-0032	B.1.
SOS-1	SO _x	$\leq 0.00058 \text{ \#/MMBtu}$, $\leq 0.10 \text{ \#/h}$ $\leq 0.11 \text{ ppmvd @ 15\% O}_2$ $\leq 0.44 \text{ TPY}$	P-213-0031 P-213-0032	B.2.
SOS-1	NO _x	$\leq 0.11 \text{ \#/MMBtu}$, $\leq 19.54 \text{ \#/h}$ $\leq 29 \text{ ppmvd @ 15\% O}_2$ $\leq 85.59 \text{ TPY}$	P-213-0031 P-213-0032	B.3.
SOS-1	VOC	$\leq 0.0056 \text{ \#/MMBtu}$, $\leq 1.00 \text{ \#/h}$ $\leq 4.38 \text{ TPY}$	P-213-0031 P-213-0032	B.4.
SOS-1	CO	$\leq 0.082 \text{ \#/MMBtu}$, $\leq 14.56 \text{ \#/h}$ $\leq 63.7 \text{ TPY}$	P-213-0031 P-213-0032	B.5.
SOS-1	Opacity	$\leq 10\%$ 6-minute block $\leq 40\%$ instantaneous	P-213-0031 P-213-0032	B.6.
SOS-1	Fuel firing rate	$\leq 172,427 \text{ cf/h}$	P-213-0031 P-213-0032	B.7.
SOS-1	Max. rated capacity	$\leq 177.6 \text{ MMBtu/h}$	P-213-0031 P-213-0032	B.7.
SOS-1	Exhaust flow	$\geq 49,836 \text{ acfm @ MRC}$	P-213-0031 P-213-0032	B.7.
SOS-1	O ₂ Sensor	No limit	P-213-0031 P-213-0032	B.7.

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Table III.B: GEU 1 (cont'd)				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions for Each Unit	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	Shutdown limits	Unit shall be shutdown when 24 consecutive 1-hr block averages > permit limit for NO _x or SO _x or when 5 consecutive 6-minute block averages > 40% opacity.	P-213-0031 P-213-0032	B.2., B.4., B.6.
AOS-1	TSP	≤ 0.014 #/MMBtu ≤ 10.56 TPY	P-213-0031 P-213-0032	B.1.
AOS-1	SO _x	≤ 0.28% Sulfur by weight (dry basis) #2 fuel oil ≤ 53 ppmvd @ 15% O ₂ ≤ 208.611 TPY	P-213-0031 P-213-0032	B.2.
AOS-1	NO _x	≤ 52 ppmvd @ 15% O ₂ ≤ 0.200 #/ MMBtu ≤ 149.01 TPY	P-213-0031 P-213-0032	B.3.
AOS-1	VOC	≤ 0.0048 #/MMBtu ≤ 3.59 TPY	P-213-0031 P-213-0032	B.4.
AOS-1	CO	≤ 0.082 #/MMBtu ≤ 61.1 TPY	P-213-0031 P-213-0032	B.5.
AOS-1	Opacity	≤ 10% 6-minute block ≤ 40% instantaneous	P-213-0031 P-213-0032	B.6.
AOS-1	Fuel firing rate	≤ 1206 gal/h	P-213-0031 P-213-0032	B.7.
AOS-1	Max. rated capacity	≤ 170.1 MMBtu/h	P-213-0031 P-213-0032	B.7.
AOS-1	Exhaust flow	≥ 49,836 acfm @ MRC	P-213-0031 P-213-0032	B.7.
AOS-1	O ₂ Sensor	No limit	P-213-0031 P-213-0032	B.7.
AOS-1	Shutdown limits	Unit shall be shutdown when 24 consecutive 1-hr block averages > permit limit for NO _x or SO _x or when 5 consecutive 6-minute block averages > 40% opacity.	P-213-0031 P-213-0032	B.2., B.4., B.6.
AOS-1, AOS-2, AOS-3	Fuel sulfur content	≤ 0.28 wt%	P-213-0031 P-213-0032	B.8.

Emissions

B.1. The Permittee shall ensure emissions of TSP do not exceed the limitations stated in Table III.B. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements:

B.1.a. *Monitoring and Testing Requirements*

- i. Verify emissions using initial performance test data and daily parametric monitoring and engineering calculations. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

B.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

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- i. Calculations and documentation of TSP emissions shall be made daily. [RCSA §22a-174-33(o)(2)]

B.1.c. *Reporting Requirements*

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0031, P-213-0032 and Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- ii. Provide the records specified in Section III.B.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

- B.2. The Permittee shall ensure emissions of SO_x do not exceed the limitations stated in Table III.B. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements:

B.2.a. *Monitoring and Testing Requirements*

- i. While firing natural gas, verify emissions using initial performance test data and daily parametric monitoring and engineering calculations. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. While firing #2 fuel oil, verify emissions using CEM data based on a 1-hour block average and parametric monitoring. The data shall be reviewed daily to determine compliance with the permitted limit. [P-213-0031, P-213-0032]
- iii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]
- iv. The CEM equipment shall be installed, calibrated, operated and tested in accordance with P-213-0031, P-213-0032.
- v. The unit shall be shut down when 24 consecutive one-hour block averages exceed the permit limit. [P-213-0031, P-213-0032]

B.2.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of SO_x emissions shall be made daily. [P-213-0031, P-213-0032]

B.2.c. *Reporting Requirements*

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0031, P-213-0032 and Section VII.I.]
- ii. Provide reports specified in the CT DEP CEM Guideline dated 8/19/96 on a quarterly basis. The report shall be submitted by the 30th day following the end of the calendar quarter. [P-213-0031, P-213-0032]
- iii. Provide the records specified in Section III.B.2.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

- B.3. The Permittee shall ensure emissions of NO_x do not exceed the limitations stated in Table III.B. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

B.3.a. *Monitoring and Testing Requirements*

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- i. All NO_x emission rates shall be verified using CEM data based on a 1-hour block average and parametric monitoring. [P-213-0031, P-213-0032]
- v. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]
- vi. The CEM equipment shall be installed, calibrated, operated and tested in accordance with P-213-0031, P-213-0032.
- ii. The unit shall be shut down when 24 consecutive 1-hour block averages exceed the permit limit. [P-213-0031, P-213-0032]

B.3.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of NO_x emissions shall be made daily. [P-213-0031, P-213-0032]

B.3.c. *Reporting Requirements*

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0031, P-213-0032 and Section VII.I.]
- ii. Provide reports specified in the CT DEP CEM Guideline dated 8/19/96 on a quarterly basis. The report shall be submitted by the 30th day following the end of the calendar quarter.
- iii. Provide the records specified in Section III.B.3.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

- B.4. The Permittee shall ensure emissions of VOC do not exceed the limitations stated in Table III.B. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

B.4.a. *Monitoring and Testing Requirements*

- i. Verify emissions using initial performance test data and daily parametric monitoring and engineering calculations. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

B.4.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of VOC emissions shall be made daily. [P-213-0031, P-213-0032]

B.4.c. *Reporting Requirements*

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0031, P-213-0032 and Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- iii. Provide the records specified in Section III.B.4.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

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- B.5. The Permittee shall ensure emissions of CO do not exceed the limitations stated in Table III.B. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

B.5.a. Monitoring and Testing Requirements

- i. Verify emissions using initial performance test data and daily parametric monitoring and engineering calculations. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

B.5.b. Record Keeping Requirements

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of CO emissions shall be made daily. [P-213-0031, P-213-0032]

B.5.c. Reporting Requirements

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0031, P-213-0032 and Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- iii. Provide the records specified in Section III.B.5.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

- B.6. The Permittee shall ensure opacity readings do not exceed the limitation stated in Table III.B. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

B.6.a. Monitoring and Testing Requirements

- i. Opacity shall be verified using CEM data based on a 6-minute block average. [P-213-0031, P-213-0032]
- ii. The CEM equipment shall be installed, calibrated, operated and tested in accordance with P-213-0031, P-213-0032.
- iii. The unit shall be shut down when 5 consecutive 6-minute block averages exceed 40%. [P-213-0031, P-213-0032]

B.6.b. Record Keeping Requirements

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of opacity readings shall be made daily. [P-213-0031, P-213-0032]

B.6.c. Reporting Requirements

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0031, P-213-0032 and Section VII.I.]
- ii. Provide reports specified in the CT DEP CEM Guideline dated 8/19/96 on a quarterly basis. The report shall be submitted by the 30th day following the end of the calendar quarter.

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- iii. Provide the records specified in Section III.B.6.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

Parameters

- B.7. The Permittee shall ensure parameters do not exceed the limitations stated in Table III.B. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

B.7.a. *Monitoring and Testing Requirements*

- i. Verify firing rate, maximum rated capacity and exhaust flow using parametric monitors daily. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Oxygen content shall be recorded in 1-hour block averages. [P-213-0031, P-213-0032]
- iii. The CEM equipment shall be installed, calibrated, operated and tested in accordance with P-213-0031, P-213-0032.

B.7.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of fuel firing rate, maximum rated capacity, exhaust flow and oxygen content shall be made daily. [P-213-0031, P-213-0032]

B.7.c. *Reporting Requirements*

- i. Review recorded data daily and report to the commissioner within two (2) working days any exceedences of an allowable limit. [P-213-0031, P-213-0032 and Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- iii. Provide the records specified in Section III.B.7.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

Fuel Sulfur Content

- B.8. The Permittee shall demonstrate compliance with the fuel sulfur limitations in Table III.F. based on, but not limited to, the following requirements.

B.8.a. *Monitoring and Testing Requirements*

- i. Verify fuel sulfur content for each shipment. [RCSA §22a-174-19(a)(5)]
- ii. Fuel analysis for the sulfur content of liquid fuels shall be done according to the most current ASTM Methods D 129 or D 1552. [RCSA §22a-174-5(b)(1)]

B.8.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Fuel merchant certification of the sulfur content for each fuel shipment. [RCSA §22a-174-19(a)(5)]

B.8.c. *Reporting Requirements*

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- i. Provide the records specified in Section III.B.8.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

C. GEU 2 (EU 1, 2 and 3), Turbine and Boilers

Table III.C: GEU 2				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
AOS-3	TSP	≤ 79.79 TPY	P-213-0029, P-213-0031, P-213-0032	C.1.
AOS-3	PM-10	≤ 66.32 TPY	P-213-0029, P-213-0031, P-213-0032	C.1.
AOS-3	SO_x	≤ 762.45 TPY	P-213-0029, P-213-0031, P-213-0032	C.1.
AOS-3	NO_x	≤ 635.6 TPY	P-213-0029, P-213-0031, P-213-0032	C.1.
AOS-3	VOC	≤ 58.44 TPY	P-213-0029, P-213-0031, P-213-0032	C.1.
AOS-3	CO	≤ 296.647 TPY	P-213-0029, P-213-0031, P-213-0032	C.1.
AOS-3	Fuel Firing Rate	Boilers: ≤ 172,427 cf/h total (gas) ≤ 1,206 gal/h total (oil)	P-213-0029, P-213-0031, P-213-0032	C.2.

- C.1. Table III.C. reflects annual emission limits for the combined operation of the turbine and the equivalent of one boiler. The limit on fuel firing rate is to insure use of the equivalent of one boiler. Emission limits and parameters for each individual emission unit as set forth in Sections III.A. and B. still apply. Annual emissions of all pollutants for the combination of EU 1, 2 and 3 shall not exceed the limitations stated in Table III.C. The Permittee shall demonstrate compliance with the limitations in Table III.C. based on, but not limited to, the following requirements.

C.1.a. *Monitoring and Testing Requirements*

- i. Emission rates shall be verified using the corresponding methods stated in Sections III.A. and B. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

C.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of annual emissions shall be made monthly. [RCSA §22a-174-33(j)(1)(K)(ii)]

C.1.c. *Reporting Requirements*

- i. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- ii. Provide the records specified in Section III.C.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

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Parameters

C.2. The Permittee shall ensure parameters do not exceed the limitations stated in Table III.C. Demonstration of compliance with such limitations shall be based on, but not limited to, the following requirements.

C.2.a. *Monitoring and Testing Requirements*

- i. Verify firing rate using parametric monitors daily. [RCSA §22a-174-33(j)(1)(K)(ii)]

C.2.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of fuel firing rate shall be made daily. [P-213-0031, P-213-0032]

C.2.c. *Reporting Requirements*

- i. Review recorded data daily and report to the commissioner within two (2) working days any exceedences of an emission limit. [P-213-0031, P-213-0032 and Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- iii. Provide the records specified in Section III.C.2.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

D. GEU 3 (EU 4 and 5), Fuel Oil Storage Tanks

Table III.D: GEU 3 (EU 4,5)				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	Tank size	Make records of tank dimensions and capacity	40 CFR 60.116b(b)	D.1.

D.1. The Permittee shall demonstrate compliance with the requirements of 40 CFR 60.116.b(b) based on, but not limited to, the following requirements.

D.1.a. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records. [RCSA §22a-174-33(o)(2)]:

- i. Keep records of the dimensions and calculations of the capacity of the tank for the life of the unit. [40 CFR 60.116b(b)]

Section III: Applicable Requirements and Compliance Demonstration

E. EU 6, Parts Washer

Table III.E: EU 6				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	VOC	None	RCSA §22a-174-20(1)(3)	E.1

E.1. The Permittee shall demonstrate compliance for this unit based on, but not limited to, the following requirements:

E.1.a. *Work Practice Standards*

The Permittee shall meet the following requirements [RCSA §22a-174-20(1)(3)]:

- i. Equip the unit with a cover designed to enable easy operation using one hand.
- ii. Equip the cleaning unit with a device for draining cleaned parts constructed internally so that parts are enclosed under the cover while draining. The drainage device may be external for applications where an internal type cannot fit into the cleaning system.
- iii. Store waste degreasing solvent only in covered containers and not dispose of waste degreasing solvent or transfer it to another party in a manner such that greater than 20 percent of the waste degreasing solvent (by weight) can evaporate into the atmosphere.
- iv. Close the cover of the unit whenever parts are not being handled in the cleaner for two (2) minutes or more and when the unit is not in use.
- v. Drain the cleaned parts for at least 15 seconds or until dripping ceases, whichever is longer.
- vi. If used, supply a degreasing solvent spray that is a solid fluid stream (not a fine, atomized or shower type spray) at a pressure which does not exceed ten (10) psi measured at the pump outlet and perform such spraying within the confines of the cold cleaning unit.
- vii. Install one of the following control devices if the solvent vapor pressure is greater than 4.3 kPa (33 mm Hg or 0.6 psi) measured at 38 °C (100 °F) or if the solvent is heated above 50 °C (120 °F):
 - A. Freeboard that gives a freeboard ratio greater than or equal to 0.7; or
 - B. Water cover (solvent must be insoluble in and heavier than water); or
 - C. Other systems of equivalent control, equal to that of a “refrigerated chiller” or carbon adsorption approved by the commissioner by permit or order.
- viii. Minimize the drafts across the top of the cold cleaning unit such that whenever the cover is open the unit is not exposed to drafts greater than 40 meters per minute, as measured between 1 and 2 meters upwind, and at the same elevation as the tank lip.
- ix. Do not operate the unit upon the occurrence of any visible solvent leak until such leak is repaired.
- x. Provide a permanent, conspicuous label on or posted near the unit clearly summarizing the applicable operating requirements.

E.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Maintain a monthly record of the amount, type and name of solvent used in the unit. [RCSA §22a-174-20(1)(3)(K)]
- ii. Name and address of any person and his or her company to whom waste degreasing solvent is transferred, and the amount of waste degreasing solvent transferred. [§22a-174-33(o)(2)]
- iii. Records showing compliance with Section III.E.1a.viii. if this permit. [RCSA §22a-174-33(o)(2)]

E.1.c. *Reporting Requirements*

Section III: Applicable Requirements and Compliance Demonstration

- i. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- ii. Provide the records specified in Section III.E.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

F. Premises-Wide General Requirements

Table III.F: PREMISES-WIDE GENERAL REQUIREMENTS			
Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/Citations	Compliance Demonstration Condition Number
Opacity (stationary sources without CEM)	Less than or equal to 20% opacity during any six-minute block average measured by 40 CFR 60, Appendix, Reference Method 9	RCSA §22a-174-18(b)(1)(A)	F.1
	Less than or equal to 40% as measured by 40 CFR 60, Appendix, Reference Method 9, reduced to a one-minute block average	RCSA §22a-174-18(b)(1)(B)	
SOx	Less than or equal to 1% sulfur by weight (dry basis) in fuel	RCSA §22a-174-19(a)(2)(i)	F.2
	Less than or equal to 0.3% sulfur by weight (dry basis) in distillate fuel	CGS §16a-21a	
Air Pollution Emergency Episode	The Permittee shall comply with RCSA §22a-174-6(c) in case of an emergency episode.	RCSA §22a-174-6	
Air Pollution Control Equipment and Monitoring Equipment Operation	The Permittee shall comply with the requirements of RCSA §22a-174-7 for air pollution control equipment and monitoring equipment operation.	RCSA §22a-174-7	
Prohibition against Concealment/Circumvention	The Permittee shall comply with the prohibition against concealment or circumvention as specified in RCSA §22a-174-11.	RCSA §22a-174-11	
Emission Fees	The permittee shall pay an emission fee in accordance with RCSA §22a-174-26(d).	RCSA §22a-174-26(d)	
Open Burning	The Permittee is prohibited from conducting open burning, except as may be allowed by CGS RCSA §22a-174(f).	CGS §22a-174(f)	
Severability	Severability shall apply as specified in RCSA §22a-174-15	RCSA §22a-174-15	

F.1. The Permittee shall demonstrate compliance with the opacity limitations set forth in Table III.F. based on, but not limited to, the following requirements:

F.1.a. *Monitoring and Testing Requirements*

Upon written request of the commissioner, the Permittee shall verify opacity using Title 40 Code of Federal Regulations Part 60, Method 9.

F.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

Section III: Applicable Requirements and Compliance Demonstration

- i. Records of the dates, times, and places of all visible emission observations, persons performing the observations, test methods used, the operating conditions at the time of observation, and the results of such observation. [RCSA §22a-174-4(d)]

F.1.c. *Reporting Requirements*

- i. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- ii. Provide the records specified in Section III.F.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

- F.2. The Permittee shall demonstrate compliance with the SO_x limitations set forth in Table III.F. based on, but not limited to, the following requirements for emission units other than EU 1, 2 and 3:

F.2.a. *Monitoring and Testing Requirements*

- i. Verify emissions using fuel analyses on each fuel shipment. [RCSA §22a-174-19(a)(5)]
- ii. Analysis for the sulfur content of liquid fuels shall be done according to the most current American Society for Testing and Materials methods D 129 or D 1552. [RCSA §22a-174-5(b)(1)]

F.2.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Fuel merchant certification from the fuel supplier certifying the type of fuel in the shipment and the weight percent of sulfur in the fuel for each fuel shipment. [RCSA §22a-174-19(a)(5)]
- ii. Shipping receipt from the fuel supplier. The shipping receipt and/or certification shall include the name of the oil supplier, the sulfur content of the oil and the method used to determine the sulfur content of the oil. [RCSA §22a-174-19(a)(5)]

F.2.c. *Reporting Requirements*

- i. Provide written monitoring reports to the commissioner by the 30th day following the end of each semi-annual period in accordance with Section VII.F.
- ii. Provide the records specified in Section III.F.2.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)]

G. 112(r) ACCIDENTAL RELEASE REQUIREMENTS

Should this stationary source, as defined in 40 CFR §68.3, become subject to the accidental release prevention regulations in 40 CFR Part 68, the Permittee shall submit a risk management plan (RMP) to the Administrator by the date specified in §68.10.

H. ASBESTOS REQUIREMENTS

Should this stationary source, as defined in 40 CFR §61.145, become subject to the national emission standard for asbestos regulations in subpart M of 40 CFR Part 61 when conducting any renovation or demolition at this premises, then the owner or operator shall submit proper notification as described in 40 CFR §61.145(b) and shall comply with all other applicable requirements of including but not limited to subpart M.

Section IV: Compliance Schedule

Table IV: COMPLIANCE SCHEDULE				
Emission Unit	Applicable Regulations	Steps required for achieving compliance (Milestones)	Date by which each step is to be completed	Dates for monitoring, record keeping, and reporting
N/A				

Section V: State Enforceable Terms And Conditions

Only the Commissioner of the Department of Environmental Protection has the authority to enforce the terms, conditions and limitations contained in this section.

- A.** This permit does not relieve the Permittee of the responsibility to conduct, maintain and operate the emissions units in compliance with all applicable requirements of any other Bureau of the Department of Environmental Protection or any federal, local or other state agency. Nothing in this permit shall relieve the Permittee of other obligations under applicable federal, state and local law.
- B.** Nothing in this permit shall affect the Commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, investigate air pollution, recover costs and natural resource damages, and to impose penalties for violations of law, including but not limited to violations of this or any other permit issued to the Permittee by the Commissioner.
- C.** Odors: The Permittee shall not cause or permit the emission of any substance or combination of substances which creates or contributes to an odor beyond the property boundary of the premises as set forth in RCSA §22a-174-23.
- D.** Noise: The Permittee shall operate in compliance with the regulations for the control of noise as set forth in RCSA §22a-69-1 through 22a-69-7.4, inclusive.
- E.** Hazardous Air Pollutants (HAPs): The Permittee shall operate in compliance with the regulations for the control of HAPs as set forth in RCSA §22a-174-29.
- F.** Open Burning: The Permittee is prohibited from conducting open burning, except as may be allowed by CGS §22a-174(f).
- G.** Fuel Sulfur Content: The Permittee shall not use #2 heating oil that exceeds three-tenths of one percent sulfur by weight as set forth in CGS §16a-21a.
- H.** Climate Change: In accordance with Public Act No. 04-252 Sec. 3 paragraph (b), not later than April 15, 2006, and annually thereafter, the owner or operator of any facility that is required to report air emissions data to the Department of Environmental Protection pursuant to Title V of the federal Clean Air Act and that has stationary emissions sources that emit greenhouse gases shall report to the regional registry direct stack emissions of greenhouse gases from such sources. The owner or operator shall report all greenhouse gas emissions in a type and format that the regional registry can accommodate.

Section VI: Permit Shield

NO PERMIT SHIELDS HAVE BEEN GRANTED

Section VII: Title V Requirements

The Administrator of the United States Environmental Protection Agency and the Commissioner of Environmental Protection have the authority to enforce the terms and conditions contained in these sections.

A. SUBMITTALS TO THE COMMISSIONER & ADMINISTRATOR

The date of submission to the Commissioner of any document required by this permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this permit, including, but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is delivered or the date three days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in this permit, the word "day" means calendar day. Any document or action which is required by this permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.

Any document required to be submitted to the Commissioner under this permit shall, unless otherwise specified in writing by the Commissioner, be directed to: Office of the Assistant Director; Compliance & Field Operations Division; Bureau of Air Management; Department of Environmental Protection; 79 Elm Street, 5th Floor; Hartford, Connecticut 06106-5127.

Any submittal to the Administrator of the U.S. Environmental Protection Agency shall be in a computer-readable format and addressed to: Director, Air Compliance Program; Attn: Air Compliance Clerk; Office of Environmental Stewardship; US EPA, Region 1; One Congress Street; Suite 1100 (SEA); Boston, MA 02114-2023.

B. CERTIFICATIONS [RCSA § 22a-174-33(b)]

In accordance with Section 22a-174-33(b) of the RCSA, any report or other document required by this Title V permit and any other information submitted to the Commissioner or Administrator shall be signed by an individual described in Section 22a-174-2a(a) of the RCSA, or by a duly authorized representative of such individual. Any individual signing any document pursuant to Section 22a-174-33(b) of the RCSA shall examine and be familiar with the information submitted in the document and all attachments thereto, and shall make inquiry of those individuals responsible for obtaining the information to determine that the information is true, accurate, and complete, and shall also sign the following certification as provided in Section 22a-174-2a(a)(5) of the RCSA:

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information may be punishable as a criminal offense under Section 22a-175 of the Connecticut General Statutes, under Section 53a-157b of the Connecticut General Statutes, and in accordance with any applicable statute."

C. SIGNATORY RESPONSIBILITY [RCSA § 22a-174-2a(a)]

If an authorization pursuant to Section 22a-174-2a(a) of the RCSA is no longer effective because a different individual or position has assumed the applicable responsibility, a new authorization satisfying the requirements of Section 22a-174-2a(a)(2) of the RCSA shall be submitted to the Commissioner prior to or together with the submission of any applications, reports, forms, compliance certifications, documents or other information which is signed by an individual or a duly authorized representative of such individual pursuant to Section 22a-174-2a(a)(2) of the RCSA.

D. ADDITIONAL INFORMATION [RCSA § 22a-174-33(j)(1)(X)]

The Permittee shall submit additional information in writing, at the Commissioner's request, within thirty (30) days of receipt of notice from the Commissioner or by such other date specified by the Commissioner, whichever is earlier, including information to determine whether cause exists for modifying, revoking, reopening, reissuing, or suspending the permit or to determine compliance with the permit.

Section VII: Title V Requirements

In addition, within fifteen days of the date the Permittee becomes aware of a change in any information submitted to the Commissioner under this permit or of any change in any information contained in the application, or that any such information was inaccurate or misleading or that any relevant information was omitted, the Permittee shall submit the changed, corrected, or omitted information to the Commissioner.

E. MONITORING REPORTS [RCSA § 22a-174-33(o)(1)]

A Permittee, required to perform monitoring pursuant this permit, shall submit to the Commissioner, on forms prescribed by the Commissioner, written monitoring reports on January 30 and July 30 of each year or on a more frequent schedule if specified in such permit. Such monitoring reports shall include the date and description of each deviation from a permit requirement including, but not limited to:

1. Each deviation caused by upset or control equipment deficiencies; and
2. Each deviation of a permit requirement that has been monitored by the monitoring systems required under this permit, which has occurred since the date of the last monitoring report; and
3. Each deviation caused by a failure of the monitoring system to provide reliable data.

F. PREMISES RECORDS [RCSA § 22a-174-33(o)(2)]

Unless otherwise required by this permit, the Permittee shall make and keep records of all required monitoring data and supporting information for at least five (5) years from the date such data and information were obtained. The Permittee shall make such records available for inspection at the site of the subject source, and shall submit such records to the Commissioner upon request. The following information, in addition to required monitoring data, shall be recorded for each permitted source:

1. The type of monitoring or records used to obtain such data, including record keeping;
2. The date, place, and time of sampling or measurement;
3. The name of the individual who performed the sampling or the measurement and the name of such individual's employer;
4. The date(s) on which analyses of such samples or measurements were performed;
5. The name and address of the entity that performed the analyses;
6. The analytical techniques or methods used for such analyses;
7. The results of such analyses;
8. The operating conditions at the subject source at the time of such sampling or measurement; and
9. All calibration and maintenance records relating to the instrumentation used in such sampling or measurements, all original strip-chart recordings or computer printouts generated by continuous monitoring instrumentation, and copies of all reports required by the subject permit.

Section VII: Title V Requirements

G. PROGRESS REPORTS [RCSA § 22a-174-33(q)(1)]

The Permittee shall, on January 30 and July 30 of each year, or on a more frequent schedule if specified in this permit, submit to the Commissioner a progress report on forms prescribed by the Commissioner, and certified in accordance with Section 22a-174-2a(a)(5) of the RCSA. Such report shall describe the Permittee's progress in achieving compliance under the compliance plan schedule contained in this permit. Such progress report shall:

1. Identify those obligations under the compliance plan schedule in the permit which the Permittee has met, and the dates on which they were met; and
2. Identify those obligations under the compliance plan schedule in this permit which the Permittee has not timely met, explain why they were not timely met, describe all measures taken or to be taken to meet them and identify the date by which the Permittee expects to meet them.

Any progress report prepared and submitted pursuant to Section 22a-174-33(q)(1) of the RCSA shall be simultaneously submitted by the Permittee to the Administrator.

H. COMPLIANCE CERTIFICATIONS [RCSA § 22a-174-33(q)(2)]

The Permittee shall, on January 30 of each year, or on a more frequent schedule if specified in this permit, submit to the Commissioner, a written compliance certification certified in accordance with Section 22a-174-2a(a)(5) of the RCSA and which includes the information identified in Title 40 CFR 70.6(c)(5)(iii)(A) to (C), inclusive.

Any compliance certification prepared and submitted pursuant to Section 22a-174-33(q)(2) of the RCSA shall be simultaneously submitted by the Permittee to the Administrator.

I. PERMIT DEVIATION NOTIFICATIONS [RCSA § 22a-174-33(p)]

Notwithstanding Subsection D of Section VII of this permit, the Permittee shall notify the Commissioner in writing, on forms prescribed by the Commissioner, of any deviation from an emissions limitation, and shall identify the cause or likely cause of such deviation, all corrective actions and preventive measures taken with respect thereto, and the dates of such actions and measures as follows:

1. For any hazardous air pollutant, no later than twenty-four (24) hours after such deviation commenced; and
2. For any other regulated air pollutant, no later than ten (10) days after such deviation commenced.

J. PERMIT RENEWAL [RCSA § 22a-174-33(j)(1)(B)]

All of the terms and conditions of this permit shall remain in effect until the renewal permit is issued or denied provided that a timely renewal application is filed in accordance with Sections 22a-174-33(g), -33(h), and -33(i) of the RCSA.

K. OPERATE IN COMPLIANCE [RCSA § 22a-174-33(j)(1)(C)]

The Permittee shall operate the source in compliance with the terms of all applicable regulations, the terms of this permit, and any other applicable provisions of law. In addition, any noncompliance constitutes a violation of the Clean Air Act and Chapter 446c of the Connecticut General Statutes and is grounds for federal and/or state enforcement action, permit termination, revocation and reissuance, or modification, and denial of a permit renewal application.

Section VII: Title V Requirements

L. COMPLIANCE WITH PERMIT [RCSA § 22a-174-33(j)(1)(G)]

This permit shall not be deemed to:

1. preclude the creation or use of emission reduction credits or the trading of such credits in accordance with Sections 22a-174-33(j)(1)(I) and 22a-174-33(j)(1)(P) of the RCSA, provided that the Commissioner's prior written approval of the creation, use, or trading is obtained;
2. authorize emissions of an air pollutant so as to exceed levels prohibited under 40 CFR Part 72;
3. authorize the use of allowances pursuant to 40 CFR Parts 72 through 78, inclusive, as a defense to noncompliance with any other applicable requirement; or
4. impose limits on emissions from items or activities specified in Sections 22a-174-33(g)(3)(A) and (B) of the RCSA unless imposition of such limits is required by an applicable requirement.

M. INSPECTION TO DETERMINE COMPLIANCE [RCSA § 22a-174-33(j)(1)(M)]

The Commissioner may, for the purpose of determining compliance with the permit and other applicable requirements, enter the premises at reasonable times to inspect any facilities, equipment, practices, or operations regulated or required under the permit; to sample or otherwise monitor substances or parameters; and to review and copy relevant records lawfully required to be maintained at such premises in accordance with this permit. It shall be grounds for permit revocation should entry, inspection, sampling, or monitoring be denied or effectively denied, or if access to and the copying of relevant records is denied or effectively denied.

N. PERMIT AVAILABILITY

The Permittee shall have available at the facility at all times a copy of this Title V Operating Permit.

O. SEVERABILITY CLAUSE [RCSA § 22a-174-33(j)(1)(R)]

The provisions of this permit are severable. If any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the remainder of this permit and the application of such provision to other circumstances shall not be affected.

P. NEED TO HALT OR REDUCE ACTIVITY [RCSA § 22a-174-33(j)(1)(T)]

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

Q. PERMIT REQUIREMENTS [RCSA § 22a-174-33(j)(1)(V)]

The filing of an application or of a notification of planned changes or anticipated noncompliance does not stay the Permittee's obligation to comply with this permit.

R. PROPERTY RIGHTS [RCSA § 22a-174-33(j)(1)(W)]

This permit does not convey any property rights or any exclusive privileges. This permit is subject to, and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or regulated activity affected thereby, including Section 4-181a(b) of the Connecticut General Statutes and Section 22a-3a-5(b) of the RCSA. This permit shall neither create nor affect any rights of persons who are not parties to this permit.

Section VII: Title V Requirements

S. ALTERNATIVE OPERATING SCENARIO RECORDS [RCSA § 22a-174-33(o)(3)]

The Permittee shall, contemporaneously with making a change authorized by this permit from one alternative operating scenario to another, maintain a record at the premises indicating when changes are made from one operating scenario to another and shall maintain a record of the current alternative operating scenario.

T. OPERATIONAL FLEXIBILITY AND OFF-PERMIT CHANGES [RCSA § 22a-174-33(r)(2)]

The Permittee may engage in any action allowed by the Administrator in accordance with 40 CFR 70.4(b)(12)(i) to (iii)(B) inclusive, and 40 CFR 70.4(b)(14)(i) to (iv), inclusive without a Title V non-minor permit modification, minor permit modification or revision and without requesting a Title V non-minor permit modification, minor permit modification or revision provided such action does not:

1. constitute a modification under 40 CFR 60, 61 or 63,
2. exceed emissions allowable under the subject permit,
3. constitute an action which would subject the Permittee to any standard or other requirement pursuant to 40 CFR 72 to 78, inclusive, or
4. constitute a non-minor permit modification pursuant to Section 22a-174-2a(d)(4) of the RCSA.

At least seven (7) days before initiating an action specified in Section 22a-174-33(r)(2)(A) of the RCSA, the Permittee shall notify the Administrator and the Commissioner in writing of such intended action.

U. INFORMATION FOR NOTIFICATION [RCSA § 22a-174-33(r)(2)(A)]

Written notification required under Section 22a-174-33(r)(2)(A) of the RCSA shall include a description of each change to be made, the date on which such change will occur, any change in emissions that may occur as a result of such change, any Title V permit terms and conditions that may be affected by such change, and any applicable requirement that would apply as a result of such change. The Permittee shall thereafter maintain a copy of such notice with the Title V permit. The Commissioner and the Permittee shall each attach a copy of such notice to their copy of the permit.

V. TRANSFERS [RCSA § 22a-174-2a(g)]

No person other than the Permittee shall act or refrain from acting under the authority of this permit unless this permit has been transferred to another person in accordance with Section 22a-174-2a(g) of the RCSA.

The proposed transferor and transferee of a permit shall submit to the Commissioner a request for a permit transfer on a form provided by the Commissioner. A request for a permit transfer shall be accompanied by any fees required by any applicable provision of the general statutes or regulations adopted thereunder. The Commissioner may also require the proposed transferee to submit with any such request, the information identified in CGS Section 22a-6m.

W. REVOCATION [RCSA § 22a-174-2a(h)]

The Commissioner may revoke this permit on his own initiative or on the request of the Permittee or any other person, in accordance with Section 4-182c of the Connecticut General Statutes, Section 22a-3a-5(d) of the RCSA, and any other applicable law. Any such request shall be in writing and contain facts and reasons supporting the request. The Permittee requesting revocation of this permit shall state the requested date of revocation and provide the Commissioner with satisfactory evidence that the emissions authorized by this permit have been permanently eliminated.

Section VII: Title V Requirements

Pursuant to the Clean Air Act, the Administrator has the power to revoke this permit. Pursuant to the Clean Air Act, the Administrator also has the power to reissue this permit if the Administrator has determined that the Commissioner failed to act in a timely manner on a permit renewal application.

This permit may be modified, revoked, reopened, reissued, or suspended by the Commissioner, or the Administrator in accordance with Section 22a-174-33(r) of the RCSA, Connecticut General Statutes Section 22a-174c, or Section 22a-3a-5(d) of the RCSA.

X. REOPENING FOR CAUSE [RCSA § 22a-174-33(s)]

This permit may be reopened by the Commissioner, or the Administrator in accordance with Section 22a-174-33(s) of the RCSA.

Y. CREDIBLE EVIDENCE

Notwithstanding any other provision of this permit, for the purpose of determining compliance or establishing whether a Permittee has violated or is in violation of any permit condition, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information.